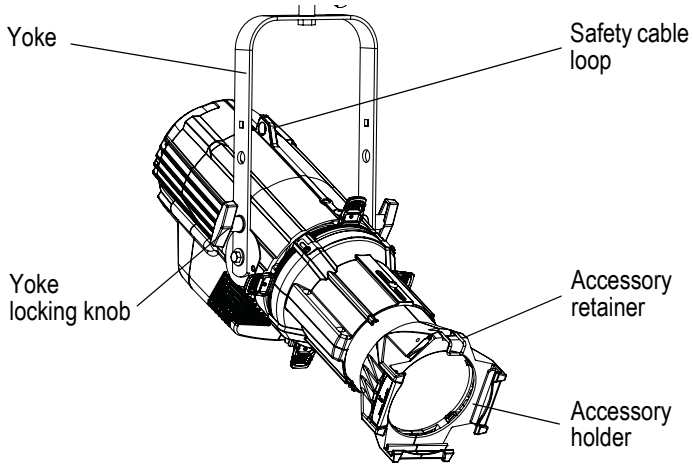
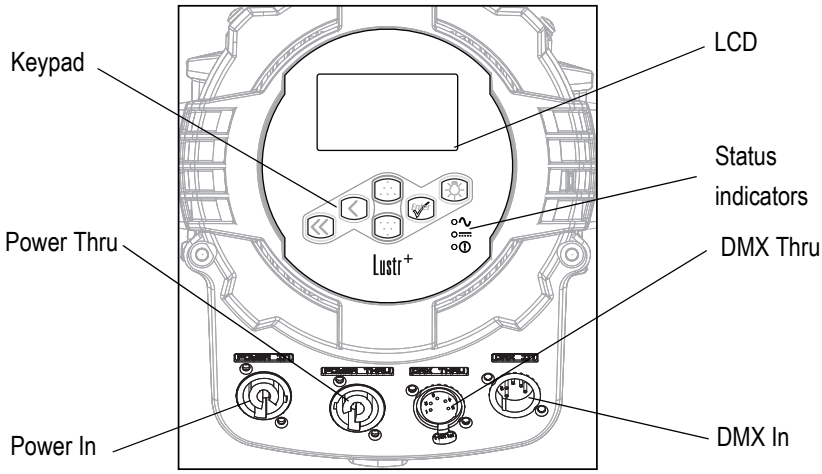
ETC Quick Guide

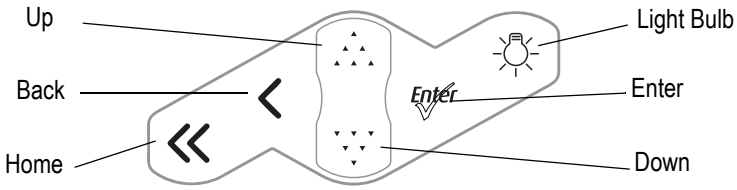
Source Four LED Profile

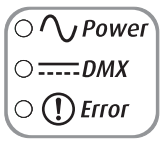
Overview

For complete information and step-by-step instructions, see *Source Four LED Profile User Manual*.









Power – Indicates AC power is On.

DMX – Indicates control signal is Active.

Error – Indicates data error, high temperature, or other unusual status.

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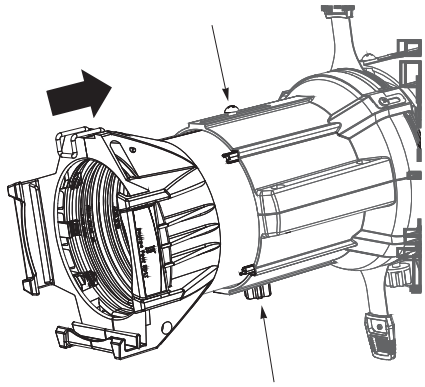
7460M1300-1.3.0 ■ Rev C ■ Released 2012-08 ■ ETC intends this document to be provided in its entirety.

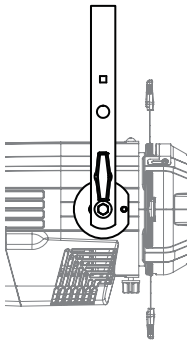
Install Lens Tube

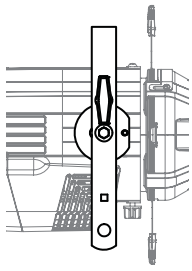


Step 1: Slide lens tube into shutter barrel.
Step 2: Install the lens zoom knob.
Step 3: Install the Phillips screw in the top of the lens barrel.

Install Fixture

General use position





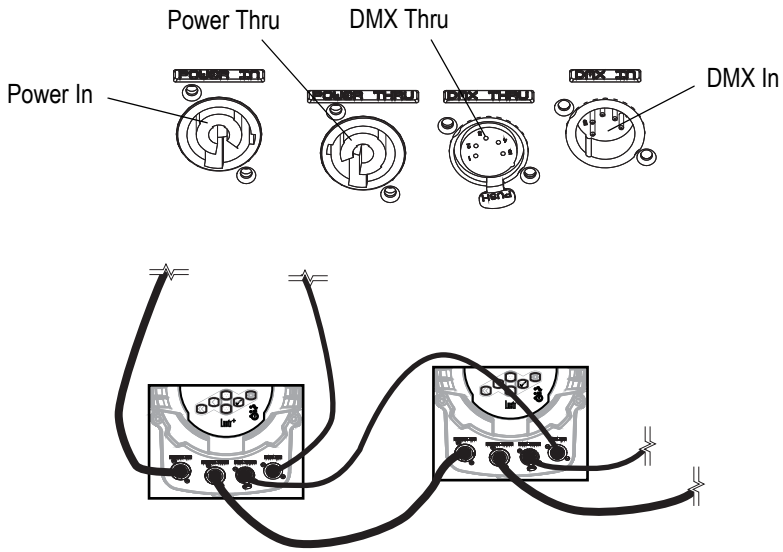
Low clearance position

Step 1: Hang or mount the fixture.
Step 2: Attach safety cable.
Step 3: Insert additional accessories such as a top hat, etc.

WARNING: ***Use only hardware rated for total weight of fixture and accessories.***

A safety cable (or other approved safety device) must be securely attached to the safety cable loop before loosening the clamp.

Connect



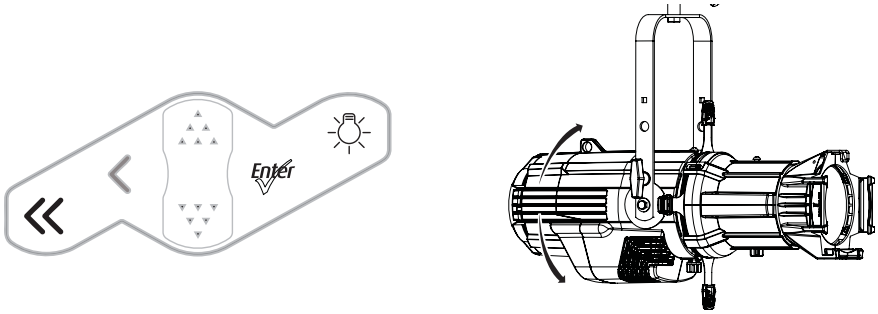
Step 1: Attach power cable to Power In.
Step 2: Attach 5-pin XLR cable to DMX In (if using external control).
Step 3: Connect power cable to AC power.
Step 4: Plug XLR cable (if using) into data source.
Step 5: Link additional fixtures via Power Thru and DMX Thru connectors.

WARNING: ***No more than nine Source Four LED fixtures on Power Thru (non-dimming, 100 to 240 VAC, 50/60 Hz)***

Up to 32 device loads on the DMX daisy-chain.

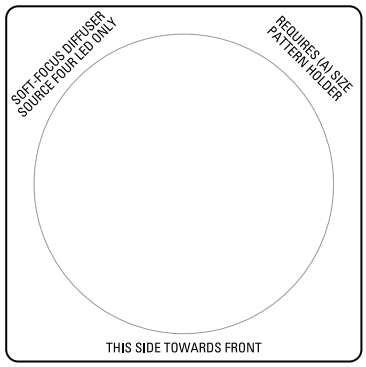
Disconnect Power and DMX before all cleaning and maintenance.

Focus



Step 1: Supply power and wait for the fixture to boot up.
Step 2: Press **[Light Bulb]** to open **Presets & Sequences**.
Step 3: Select **Focus** and press **[Enter]** to turn on LED array.
Step 4: Adjust fixture's position.
Step 5: Once focus is set, press **[Enter]** to turn off LED array and then **[Home]** to return to home screen.

Soft Focus Diffuser



Step 1: Install the diffuser into an A-Sized Pattern holder.

Step 2: Install a pattern in front of the diffuser, if needed.

Step 3: Insert the pattern holder and diffuser into the Pattern holder slot, making sure the writing on the diffuser faces the front of the fixture.

Address

Step 1: From the home screen, press **[Enter**] to open **Main Menu**.

Step 2: On the **Main Menu**, scroll to **DMX Start Address**, press **[Enter]**.

Step 3: Use **[Up]** or **[Down]** to scroll to desired address.

Step 4: Press **[Enter]** to select address number.

Step 5: Press **[Home]** to return to home screen.

* DMX address is not needed if using standalone or master/slave control.

Features Quick Setup

Step 1: On the **Main Menu**, scroll to **Quick Setups**.

Step 2: Press **[Enter]**.

Step 3: Scroll to the desired setup and then press **[Enter]**.
An asterisk (*****) indicates which setup is active.

Step 4: Press **[Home]** to return to the home screen.
The top line of the home screen displays the name of the active setup.

Individual features and settings are adjustable under the Advanced menu. Consult the User Manual for more information on advanced features of Source Four LED fixtures.

Quick Setups

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Quick Setup	Features	Recommended For:
General	Smooth dimming, good consistency, direct color control, simple operation.	General lighting, rentals.
Stage	Tungsten-like dimming, HSI color control with Plus-7 fine tuning, fast color mixing and consistency, console output snapshot to record stand alone presets.	Theatrical lighting.
XT Arch	Maximum consistency in extreme applications, reduced brightness.	High-temperature environments, installations with limited access.
High Impact	Maximum brightness, quick response, RGB color control, reduced consistency.	Video-based control, effects lighting, concerts.
Studio	Three-point control—White Point (CCT), Intensity and Tint, DMX, or standalone operation.	Video and film lighting, white light-only applications.

Parameter	General	Stage	XT Arch	High Impact	Studio
DMX Settings					
Profile	Direct	HSI	HSI	RGB	Studio
Strobe	Enabled	Enabled	Enabled	Enabled	Enabled
Data Loss Setting	Instant	Instant	HLL-4ever	Instant	N/A
Plus Seven	N/A	Enabled	Disabled	Disabled	Disabled
Fan Control	DMX	DMX	DMX	DMX	DMX
LED Settings					
Output Setting	Regulated	Regulated	Protected	Boost	Regulated
Dimming Curve	Standard	Incandescent	Standard	Quick	Linear
Red Shift	N/A	Disabled	Disabled	Disabled	N/A
White Point	N/A	3200	3200	5600	N/A
Local Settings					
Status Indicators	On	On	On	On	On
Overtemp	Dark	Dark	Visible	Dark	Visible

Tungsten and Daylight

Quick Setup	Features	Recommended For:
Studio	Linear dimming, simple standalone operation via the UI.	Video or film lighting, installations without DMX control.
Stage	Tungsten-like dimming, stage-friendly settings, DMX fan control.	Theatrical lighting, installations mixed with tungsten.
Single Channel	Standard dimming, automatic fan, only 1 DMX channel.	Architectural applications with streamlined control.

Parameter	Studio	Stage	Single Channel
DMX Settings			
Profile	Intensity	Intensity	Intensity
Strobe	Enabled	Enabled	Disabled
Data Loss Setting	N/A	Instant	Instant
Fan Control	DMX	DMX	Automatic
LED Settings			
Output Setting	Regulated	Regulated	Regulated
Dimming Curve	Linear	Incandescent	Standard
Local Settings			
Status Indicators	On	On	On
Overtemp	Visible	Dark	Dark

DMX Profiles

Tungsten and Daylight

Channel	Control
1	Intensity
2	Strobe*
3	Fan control*

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Channel	HSI	HSIC	RGB	Studio	Direct
1	Hue	Hue	Red	Intensity	Color 1
2	Hue fine	Hue fine	Green	Color temp	Color 2
3	Saturation	Saturation	Blue	Tint	Color 3
4	Intensity	Intensity	N/A	N/A	Color 4
5	Strobe*	Strobe*	Strobe*	Strobe*	Color 5
6	Fan control*	Fan control*	Fan control*	Fan control*	Color 6
7	N/A	Color temp	N/A	N/A	Color 7
8	Plus7 on/off*	Plus7 on/off*	Plus7 on/off*	Plus7 on/off*	Intensity
9	Plus7 - (1)*	Plus7 - (1)*	Plus7 - (1)*	Plus7 - (1)*	Strobe*
10	Plus7 - (2)*	Plus7 - (2)*	Plus7 - (2)*	Plus7 - (2)*	Fan control*
11	Plus7 - (3)*	Plus7 - (3)*	Plus7 - (3)*	Plus7 - (3)*	N/A
12	Plus7 - (4)*	Plus7 - (4)*	Plus7 - (4)*	Plus7 - (4)*	N/A
13	Plus7 - (5)*	Plus7 - (5)*	Plus7 - (5)*	Plus7 - (5)*	N/A
14	Plus7 - (6)*	Plus7 - (6)*	Plus7 - (6)*	Plus7 - (6)*	N/A
15	Plus7 - (7)*	Plus7 - (7)*	Plus7 - (7)*	Plus7 - (7)*	N/A

* When this feature is enabled.

Typical Power Consumption

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	90V	120V	240V
Idle Power / Current	4.27W / 0.084A	4.38W / 0.079A	4.2W / 0.068A
100% Boost Power / Current	130.8W / 1.48A	129.9W / 1.11A	126.4W / 0.576A

Daylight

	90V	120V	240V
Idle Power / Current	4.3W / 0.083A	4.35W / 0.077A	4.04W / 0.066A
100% Boost Power / Current	165.2W / 1.87A	163.3W / 1.39A	160.3W / 0.718A

Tungsten

	100V	120V	240V
Idle Power / Current	4.3W / 0.085A	4.35W / 0.078A	4.0W / 0.065A
100% Boost Power / Current	159.8W / 1.81A	157.4W / 1.35A	154.8W / 0.695A